

Icing Research Program (IRP)

LEAD AGENCY/POINT OF CONTACT: DoD, Dave Johnson, U.S. Army, DAMI POB, 703-601-2501, david.johnson@hqda.army.mil, Dr. Barbara J. Sotirin, Director, CRREL, 603-646-4200, barbara.j.sotirin@erdc.usace.army.mil	
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PROGRAM/PROJECT DESCRIPTION: Development of a capability to remotely detect icing conditions ahead of aircraft using radar and microwave radiometers from the air or from the ground, and development of methods to rapidly and safely de-ice Army helicopters during pre-flight preparations.	
I. TRAINING REQUIREMENTS:	
A. Trainees	B. Skill Level of Designated Trainees
Air Traffic Controllers	
⇒ Flight Service Station	En-Route Flight Advisor <input checked="" type="checkbox"/>
⇒ En-Route	Operations Supervisor <input checked="" type="checkbox"/>
⇒ Terminal (Radar Control/Tower)	Operations Supervisor <input checked="" type="checkbox"/>
Dispatchers	Assistant Flight Dispatcher <input checked="" type="checkbox"/> Flight Dispatcher <input checked="" type="checkbox"/>
Ground Operations Crews	Airport Operations Officers <input checked="" type="checkbox"/>
National Trans. Safety Board	Accident Investigator <input checked="" type="checkbox"/>
Pilots	
⇒ Commercial	First Officer <input checked="" type="checkbox"/> Captain <input checked="" type="checkbox"/>
⇒ General Aviation	Private Pilot <input checked="" type="checkbox"/> Instrument Rated <input checked="" type="checkbox"/> Instructor <input checked="" type="checkbox"/>
⇒ Military	Student <input checked="" type="checkbox"/> Line <input checked="" type="checkbox"/> Instructor <input checked="" type="checkbox"/> Examiner <input checked="" type="checkbox"/>
Navigators (DoD)	Student <input checked="" type="checkbox"/> Line <input checked="" type="checkbox"/> Instructor <input checked="" type="checkbox"/> Examiner <input checked="" type="checkbox"/>
DoD Forecasters/Meteorologists	
Air Force	
⇒ Enlisted	Journeyman <input checked="" type="checkbox"/> Craftsman <input checked="" type="checkbox"/>
⇒ Civilian	Forecaster <input checked="" type="checkbox"/>
⇒ Officer	Fully Qualified <input checked="" type="checkbox"/>
Navy	
⇒ Enlisted	Forecaster <input checked="" type="checkbox"/> Master Forecaster <input checked="" type="checkbox"/>
⇒ Civilian	Forecaster <input checked="" type="checkbox"/>
⇒ Officer	Accession Forecaster <input checked="" type="checkbox"/> Forecaster <input checked="" type="checkbox"/>
National Weather Service	
⇒ Forecasters/ Meteorologists	Senior Forecaster <input checked="" type="checkbox"/> Science and Operations Officer <input checked="" type="checkbox"/>
C. Required Training Level for this Program/Project	
Familiarization <input checked="" type="checkbox"/> Refresher Training <input checked="" type="checkbox"/> Basic Knowledge <input checked="" type="checkbox"/> Intermediate Knowledge <input checked="" type="checkbox"/>	
II. TRAINING DEVELOPMENT/DELIVERY:	
A. Training Program Status	
Determination of Training Requirements <input checked="" type="checkbox"/> (current) Determination of Training Concept <input checked="" type="checkbox"/> (current)	
B. Training Method	
Computer Based Training (Web-on-line, CD training modules) <input checked="" type="checkbox"/> (CD)	
C. Training Resources	
TBD	
D. Training Provider	
Federal Agency ⇒ NASA <input checked="" type="checkbox"/> Army <input checked="" type="checkbox"/>	
E. Measurement Method TBD	
F. Training References TBD	
G. Documentation of Completion of Training TBD	
III. TRAINING DESCRIPTION and PARAMETERS	
A. Training Identification TBD	
B. Training Length TBD	
C. Group Size TBD	
D. Trainer to Trainee Ratio TBD	
E. Point of Contact to Request Training	
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